

**BIOSURFACES  
MANUFACTURING ENGINEER**

Post Date: February 1, 2025

Position Requirements:

- Bachelor's degree in engineering field required
- 1-2 years of experience preferred but not required
- Exposure to the product development process
- Experience performing mechanical design using SolidWorks 3D CAD Software or AutoCAD required
- Basic understanding of embedded control systems and electronic circuitry preferred
- "c" programming at microprocessor level preferred
- Knowledge of liquid handling
- Familiarity with the ISO 13485 and ISO 9001 Standards
- Must be a team player and efficient at multi-tasking
- Must be able to independently work
- Should be familiar with medical devices and/or biomaterials

Reports Directly To: Vice President of Manufacturing

Position Description: We are seeking a multi-disciplined engineer with an interest in automated equipment as it is applied to the field of biomedical devices, in particular, the electrospinning of medical devices. The candidate will be interested in the synergistic integration of mechanics, electronics, fluidics and real-time control theory.

Duties and Responsibilities:

- Evaluates manufacturing processes by designing and conducting research programs; applying knowledge of product design, fabrication, assembly, tooling, and materials; conferring with equipment vendors; soliciting observations from operators
- Develops manufacturing processes by studying product requirements; researching, designing, modifying, and testing manufacturing methods and equipment; conferring with equipment vendors
- Improves manufacturing efficiency by analyzing and planning work flow, space requirements, and equipment layout
- Assures product and process quality by designing testing methods; testing finished-product and process capabilities; establishing standards; confirming manufacturing processes
- Provides manufacturing decision-making information by calculating production, labor, and material costs; reviewing production schedules; estimating future requirement
- Prepares product and process reports by collecting, analyzing, and summarizing information and trends. .
- Provides manufacturing engineering information by answering questions and requests



- Keeps equipment operational by coordinating maintenance and repair services; following manufacturer's instructions and established procedures; requesting special service
- Maintains product and process data base by writing computer programs; entering data
- Maintains professional and technical knowledge by attending educational workshops; reviewing professional publications; establishing personal networks; participating in professional societies
- Contributes to team effort by accomplishing related results as needed

Salary and Benefits:

- Salary will be commensurate with experience.
- Company pays 100% of benefits (HMO Blue Medical, Dental and Vision).
- Employee will receive three weeks of Earned Time Off (Flex Time) as well as 10 paid holidays and 2 floating holidays
- Company offers competitive 401K plan (after 6 months employment)
- Company offers phantom stock plan
- Company supports professional development of its employees through attending scientific conferences, meeting with key opinion leaders in various fields and assessment of devices in the preclinical setting to better understand both the doctor and patient needs.

About BioSurfaces:

The BioSurfaces mission is to improve lives throughout the world by applying our unique Bio-Spun™ nanofiber materials and our decades of expertise to develop and provide a range of products that are superior to those available today, including medical devices, research and diagnostic tools, and even personal care products. We achieve this mission through fair, profitable and satisfying collaborations with our customers and strategic partners. We know that we will continue to grow and prosper by making sure the members of our diverse and expanding team are happy to work with us and have our support in both their professional and personal lives. Finally, we also know that we will accomplish our mission only if we give back to the community around us, locally, nationally and around the world.

To Apply:

Please send your resume and cover letter to: [info@biosurfaces.us](mailto:info@biosurfaces.us)

